



The Institute of Applied Physiology at the Medical Faculty of **Ulm University, Germany** offers a

Postdoc position in molecular and circuit neuroscience (m/f)

We offer an interdisciplinary research team with international collaborations, integrated in an exciting scientific environment. Within the *SFB F-44: "Cell signaling in chronic CNS disorders"* we analyze individual neurons displaying differential vulnerability to disease, to identify mechanisms of Ca^{2+} homeostasis and dysfunctions due to aging and disease. We focus on Parkinson's disease and on ion channels, transporters and receptors. **Methodologically**, we combine state-of-the-art functional analysis (e.g. retrograde tracing, *in vivo* & *in vitro* electrophysiology, MEA, Ca^{2+} imaging), with immunohistochemistry and with high-end cell-specific molecular techniques.

The position is offered for initially two years (longer funding possible). Salary is according to the German TV-L system. Ulm University is ranked first among the German universities younger than 50 years and offers a broad range of core facilities and translational neuroscience research groups. For further information, please see: <http://www.uni-ulm.de/med/angewphys.html>.

Applicants are expected to be enthusiastic about science, with **excellent degrees** in neuro-, medical- or life-sciences. Team spirit, capability for independent, self-motivated, analytical work and very good English- and computer-skills are required. Knowledge of neurophysiology, as well as technical expertise in **Ca^{2+} Imaging & electrophysiology** and/or **bioinformatics**, are highly desired.

Are you interested? Please send in only complete applications containing cover letter, statement of research interest (max. 1 page), certificates of B.Sc. and M.Sc. degrees, CV, and contact details of two references by mail to:

Prof. Birgit Liss,
Institute of Applied Physiology, Ulm University, N27,
Albert Einstein Allee 11, 89081 Ulm, Germany

or via email (as **one** merged PDF-file only) to birgit.liss@uni-ulm.de

Please send copies only, as application documents will be destroyed after the selection process. Please note that expenses related to your application can not be reimbursed.

Employment takes place through the administration department of the University Medical Center Ulm, which acts in the name and on behalf of the federal state of Baden-Wuerttemberg. Handicapped people with equal qualifications will be employed preferentially. The Ulm University strives for an increased proportion of women in research and teaching and therefore strongly encourages qualified female scientists to apply for the position.